

Bay State Abrasive Products for the Welding Trade

REINFORCED RAISED HUB DISC-WHEELS



BAYFLEX®

Construction holds the abrasive grains with the "right" resilience for weld-removal, blending, and finishing in light metal fabrication. Excellent for grinding aluminum and other soft metals, since Bayflex resists loading.

Maximum Speeds: 7" Dia. 6,000 R.P.M.
9" Dia. 5,500 R.P.M.

CAT. NO.

of most popular sizes.
(Standard $\frac{7}{8}$ " arbor hole)

7" x $\frac{1}{8}$ "	BF-124
7" x $\frac{1}{4}$ "	BF-324
9" x $\frac{1}{8}$ "	BF-424
9" x $\frac{1}{4}$ "	BF-624

Bayflex, the pioneer of all reinforced resinoid products, continues to excel for light to medium weld removal operations.



BLUE FLASH®

Available in two hardnesses, "R" and "U". Both have a special bonding which gives extremely fast cutting rates.

Maximum Speeds: 7" Dia. 7,750 R.P.M.
9" Dia. 6,000 R.P.M.

"R" GRADE CAT. NO.

of most popular sizes.
(Standard $\frac{7}{8}$ " arbor hole)

7" x $\frac{1}{8}$ "	FA-124
7" x $\frac{1}{4}$ "	FA-324
9" x $\frac{1}{8}$ "	FA-424
9" x $\frac{1}{4}$ "	FA-624

"U" GRADE CAT. NO.

of most popular sizes.
(Standard $\frac{7}{8}$ " arbor hole)

7" x $\frac{1}{8}$ "	FA-1124
7" x $\frac{1}{4}$ "	FA-3324
9" x $\frac{1}{8}$ "	FA-4424
9" x $\frac{1}{4}$ "	FA-6624



SAF-T-CUT

Available in two types, "BY" and "BZ". Both have exceptional toughness to stand up against jagged, thin, or hard metal edges.

Maximum Speeds: 7" Dia. 7,750 R.P.M.
9" Dia. 6,000 R.P.M.

"BY" CAT. NO.

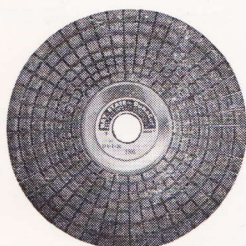
of most popular sizes.
(Standard $\frac{7}{8}$ " arbor hole)

7" x $\frac{1}{8}$ "	SA-124
7" x $\frac{1}{4}$ "	SA-324
9" x $\frac{1}{8}$ "	SA-424
9" x $\frac{1}{4}$ "	SA-624

"BZ" CAT. NO.

of most popular sizes.
(Standard $\frac{7}{8}$ " arbor hole)

7" x $\frac{1}{8}$ "	BZ-124
7" x $\frac{1}{4}$ "	BZ-324
9" x $\frac{1}{8}$ "	BZ-424
9" x $\frac{1}{4}$ "	BZ-624



DURACUT®

Semi-Flexible "Waffle" Patterned Face Gives Economical, Cushioned Cutting

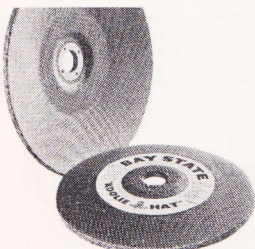
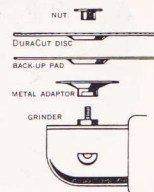
Maximum Speeds: 7" Dia. 5,500 R.P.M.
9" Dia. 4,500 R.P.M.

CAT. NO.

of most popular sizes
Last two digits of catalog number indicate grit size; there are three available: 24, 36 and 54.

7" x $\frac{1}{8}$ "	9" x $\frac{1}{8}$ "
DA-124	DA-424
DA-136	DA-436
DA-154	DA-454

To control flexibility, DuraCut requires a full-size back-up pad and metal adaptor flange.



KOOLIE HAT®

Specify "Koolie Hat" for a "new angle" on portable grinding . . . fast cutting on all medium and heavy weld beads.

Maximum Speeds: 7" Dia. 7,750 R.P.M.
9" Dia. 6,000 R.P.M.

CAT. NO.

(Standard $\frac{7}{8}$ " arbor hole)

7" x $\frac{1}{4}$ "	KA-324
9" x $\frac{1}{4}$ "	KA-624

Easier Operation: "Koolie Hat" wheel is held at 4° to 5° angle to the horizontal instead of 25° to 30° . . . requires less pressure to hold grinder steady.



READYMOUNT

This is a combination mounting nut and back-up flange permanently built into the wheel. Available in two types—Blue Flash (FTA) and Koolie Hat (KTA).

Maximum Speeds: 7" Dia. 7,750 R.P.M.
9" Dia. 6,000 R.P.M.

"R" GRADE CAT. NO.

(Standard $\frac{7}{8}$ " arbor hole)

7" x $\frac{1}{4}$ "	KTA-324
7" x $\frac{1}{4}$ "	FTA-324
9" x $\frac{1}{4}$ "	KTA-624
9" x $\frac{1}{4}$ "	FTA-624

"U" GRADE CAT. NO.

(Standard $\frac{7}{8}$ " arbor hole)

7" x $\frac{1}{4}$ "	KTA-3324
7" x $\frac{1}{4}$ "	FTA-3324
9" x $\frac{1}{4}$ "	KTA-6624
9" x $\frac{1}{4}$ "	FTA-6624

Bay State Abrasive Products for the Welding Trade



REINFORCED ABRASIVE CUT-OFF WHEELS

Bay State manufactures all types of abrasive cut-off blades and wheels. These two are the most popular with welders for cutting the steel bars, rods, angles and structural shapes commonly used.

SAF-T-CUT "BZ"

Diameters: $5\frac{7}{8}$ " to 10"
Thickness: $\frac{1}{8}$ "
Arbor holes to fit all standard machines.

BLUE FLASH

Diameters: $5\frac{7}{8}$ " to 10"
Thickness: $\frac{1}{8}$ "
Arbor holes to fit all standard machines.



STRAIGHT WHEELS

Aluminum Oxide Resin Bonded wheels for grinding steel and alloys of steel.

DIAMETERS
6" and 8"

Thicknesses: $\frac{3}{4}$ " and 1"
Grit Sizes: 16 and 24

SPEEDS

Up to 9,000 SFPM

FLARING CUP WHEELS



with molded-in
steel safety
insert

STANDARD $\frac{5}{8}$ -11 RH Nut
SIZES:

$4\frac{1}{3}$ " x 2
 $5\frac{3}{4}$ " x 2
 $6\frac{3}{4}$ " x 2

SPEEDS

Up to 9,500 SFPM



BENCH GRINDING WHEELS

Aluminum Oxide Vitrified Bonded Straight Wheels for Grinding Steel and Alloys of Steel.

Bay State manufactures straight wheels for bench and pedestal grinders in a complete range of sizes and specifications for all rough grinding, finishing, and intermediate work.

Manufactured to deliver the maximum cutting speed throughout long service in general-purpose grinding, these wheels offer top Bay State quality for maximum economy.

Speeds up to 6,000 SFPM

DIAMETERS
4" to 14"

Thicknesses: $\frac{1}{2}$ " to $2\frac{1}{2}$ "
Grit Sizes: 24, 36, 46, 60
Arbor holes to fit all standard machines.

The most profitable grinding, with each of these, follows pretty closely the size of welding rod you would use. You can easily choose the best one for each job requirement from this table.

WELD BEAD	LIGHT	MEDIUM	HEAVY
ROD SIZE	$\frac{3}{32}$ $\frac{1}{8}$	$\frac{5}{32}$ $\frac{3}{16}$	$\frac{1}{4}$ $\frac{5}{16}$
BAYFLEX for edge-cutting and finishing			
DURACUT for blending and surfacing			
"BY" SAF-T-CUT for longer life			
"R" GRADE BLUE FLASH "KOOLIE HAT" READYMOUNT for faster cutting			
"U" GRADE BLUE FLASH "KOOLIE HAT" READYMOUNT for faster cutting			
"BZ" SAF-T-CUT for longer life			



**BAY STATE ABRASIVE
PRODUCTS COMPANY**
Specialties Division
Westboro, Mass., U.S.A.

1. The heavier the weld, the greater the dressing action on the wheel.
2. Wheels are progressively more resistant to weld dressing action from left to right.
3. Proper wheel receives just enough dressing action to keep it sharp.

See other side for Reinforced Raised Hub Disc-Wheels